

# PATENT COOPERATION TREATY

From the  
INTERNATIONAL SEARCHING AUTHORITY

To:

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# PCT

**WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY**

(PCT Rule 43bis.1)

Date of mailing  
(day/month/year) **03 FEBRUARY 2005 (03.02.2005)**

Applicant's or agent's file reference

FPE-04-0146

**FOR FURTHER ACTION**

See paragraph 2 below

International application No.

**PCT/KR2004/002657**

International filing date (day/month/year)

**16 OCTOBER 2004 (16.10.2004)**

Priority date(day/month/year)

16 OCTOBER 2003 (16.10.2003)

International Patent Classification (IPC) or both national classification and IPC

**IPC7 G06F 17/00**

Applicant

**NHN CORPORATION et al**

1. This opinion contains indications relating to the following items:

- ☒ Box No. I Basis of the opinion
- ☐ Box No. II Priority
- ☐ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- ☐ Box No. IV Lack of unity of invention
- ☒ Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- ☐ Box No. VI Certain documents cited
- ☐ Box No. VII Certain defects in the international application
- ☐ Box No. VIII Certain observations on the international application

2. **FURTHER ACTION**

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.  
For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA/KR



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**WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY**

International application No.

PCT/KR2004/002657

**Box No. I Basis of this opinion**

1. With regard to the **language**, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ This opinion has been established on the basis of a translation from the original language into the following language \_\_\_\_\_, which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)).

2. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:

a. type of material

- ☐ a sequence listing  
☐ table(s) related to the sequence listing

b. format of material

- ☐ in written format  
☐ in computer readable form

c. time of filing/furnishing

- ☐ contained in the international application as filed.  
☐ filed together with the international application in computer readable form.  
☐ furnished subsequently to this Authority for the purposes of search.

3. ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.

4. Additional comments:

**WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY**

International application No.  
PCT/KR2004/002657

**Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability;  
citations and explanations supporting such statement**

**1. Statement**

Novelty (N)	Claims	1-18	YES
	Claims		NO
Inventive step (IS)	Claims		YES
	Claims	1-18	NO
Industrial applicability (IA)	Claims	1-18	YES
	Claims		NO

**2. Citations and explanations :**

Reference is made to the following document:

D1: KR 2000-58880 A

D1 discloses a system for preventing users' complaints in advance, wherein artificial intelligence automatically searches for the contents of messages posted on a bulletin board and when it finds problem messages, it indirectly deletes the problem messages by giving users rights to delete them. The system of D1 is characterized in that a deletion icon or button is added to a problem message posted on the bulletin board and if deletion requests from users amount to a preset number, said message is automatically deleted, and if a particular Internet address or a particular user repeatedly clicks the deletion icon or button, then the repeated deletion requests are counted as one request, so that when particular contents are posted on the bulletin board, a staff in charge of the bulletin board is prevented from deleting the posted matter regardless of the purpose of the user, thereby maximizing the activation of the function of the bulletin board.

The present invention is the same as the cited invention in that when a message posted on a bulletin board is against certain conditions for using the bulletin board, actions such as deletion are taken. The system, wherein a posted matter is stored in a database, opening an account is authorized by an operator, character strings are extracted, and subject data on the bulletin board corresponding to the extracted character strings are searched and provided, is merely a wellknown system in the art. Therefore, the present invention is considered to lack an inventive step.